

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084578 A1

(51) International Patent Classification⁷: **A61C 8/00**,
A61B 17/86

(21) International Application Number:
PCT/SE2005/000308

(22) International Filing Date: 3 March 2005 (03.03.2005)

(25) Filing Language: Swedish

(26) Publication Language: English

(30) Priority Data:
0400546-8 5 March 2004 (05.03.2004) SE

(71) Applicant and

(72) Inventor: **LUNDGREN, Dan** [SE/SE]; Askims Kyrkväg
5, S-436 51 Hovås (SE).

(74) Agents: **STRÖM & GULLIKSSON AB** et al.; P.O. Box
4188, S-203 13 Malmö (SE).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

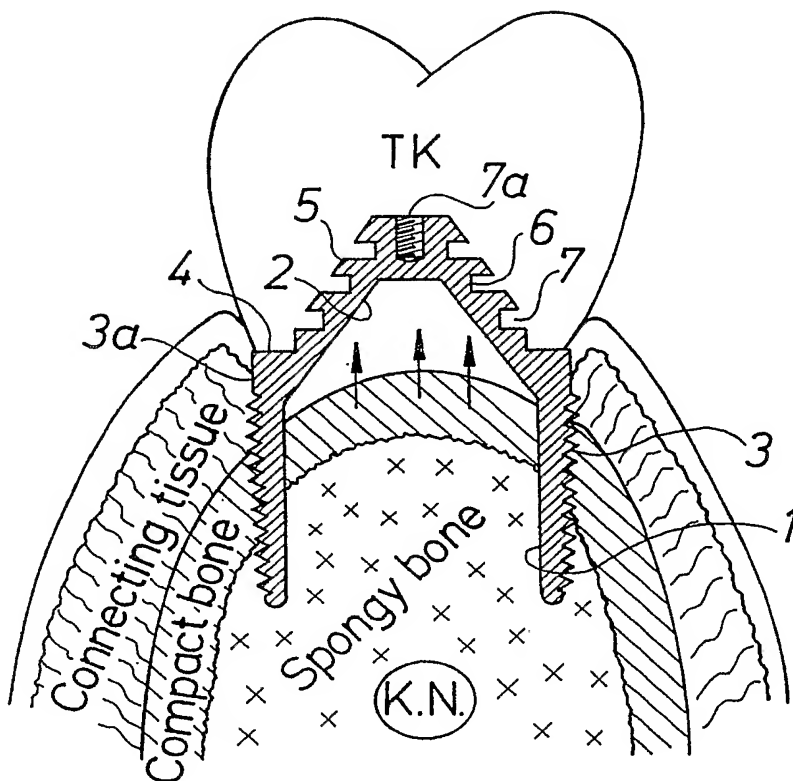
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: TUBULAR BONE ANCHORING ELEMENT



(57) Abstract: A bone anchoring element comprises a tubular implant to be inserted into bone tissue for anchoring a prosthetic component located outside the bone. The implant has a compact, impermeable side wall and is open at one end while the other end is closed by a compact impermeable end wall portion with attachment for prosthetic component on the outside thereof.

WO 2005/084578 A1